

§ 10.502

46 CFR Ch. I (10–1–07 Edition)

(b) Engineer licenses issued in the grades of chief engineer (limited) and assistant engineer (limited) of steam and/or motor vessels allow the holder to serve within any horsepower limitations on vessels of any gross tons on inland waters and of not more than 1600 gross tons in ocean, near coastal or Great Lakes service in the following manner:

(1) Assistant engineer (limited—oceans) may serve on ocean waters;

(2) Chief engineer (limited—near coastal) may serve on near coastal waters; and,

(3) Chief engineer (limited-oceans) may serve on ocean waters.

(c) Engineer licenses issued in the grades of designated duty engineer of steam and/or motor vessels allow the holder to serve within stated horsepower limitations on vessels of not more than 500 gross tons in the following manner:

(1) Designated duty engineers limited to vessels of not more than 1000 horsepower or 4000 horsepower may serve only on near coastal or inland waters;

(2) Designated duty engineers with no horsepower limitations may serve on any waters.

(d) Engineer licenses are endorsed to authorize service on either steam or motor vessels or may be endorsed for both modes of propulsion.

(e) A person holding an engineer license which is restricted to near coastal waters may serve within the limitations of the license upon near coastal, Great Lakes, and inland waters.

[CGD 81-059, 52 FR 38623, Oct. 16, 1987, as amended by CGD 81-059, 54 FR 142, Jan. 4, 1989]

§ 10.502 Additional requirements for engineer licenses.

(a) For all original and raise of grade of engineer licenses, at least one-third of the minimum service requirements must have been obtained on the particular mode of propulsion for which applied.

(b) If a licensed applicant desires to obtain an endorsement on an engineer license in the other propulsion mode (steam or motor), the following alternative methods, while holding a license in that grade, are acceptable:

(1) Four months of service as an observer in the same licensed capacity on vessels of the other propulsion mode;

(2) Four months of service as a licensed officer at a lower license level on vessels of the other propulsion mode;

(3) Six months of service as oiler, watertender, or junior engineer on vessels of the other propulsion mode; or,

(4) Completion of a Coast Guard approved training course for this endorsement.

(c) Applicants for an original, raise in grade, or increase in the scope, of an engineer license, other than an increase in horsepower limitation, who have not previously done so must meet the requirements of § 10.205(g) of this part.

[CGD 81-059, 52 FR 38623, Oct. 16, 1987, as amended by CGD 81-059, 54 FR 142, Jan. 4, 1989]

§ 10.503 Horsepower limitations.

(a) Engineer licenses of all grades and types may be subject to horsepower limitations. Other than as provided in § 10.524 for the designated duty engineer license, the horsepower limitation placed on a license is based on the applicant's qualifying experience considering the total shaft horsepower of each vessel on which the applicant has served.

(b) When an applicant for an original or raise of grade of an engineer license, other than a designated duty engineer license, has not obtained at least 50 percent of the required qualifying experience on vessels of 4,000 or more horsepower, a horsepower limitation is placed on the license based on the applicant's qualifying experience. The license is limited to the maximum horsepower on which at least 25 percent of the required experience was obtained, or 150 percent of the maximum horsepower on which at least 50 percent of the service was obtained, whichever is higher. Limitations are in multiples of 1000 horsepower, using the next higher figure when an intermediate horsepower is calculated. When the limitation as calculated equals or exceeds 10,000 horsepower, an unlimited horsepower license is issued.

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(c) The following service on vessels of 4,000 horsepower or over will be considered qualifying for the raising or removing of horsepower limitations placed on engineer licenses:

(1) Six months of service in the highest grade licensed: removal of all horsepower limitations.

(2) Six months of service in any licensed capacity other than the highest grade for which licensed: Removal of all horsepower limitations for the grade in which service is performed and raise the next higher grade license to the horsepower of the vessel on which service was performed. The total cumulative service before and after issuance of the limited license may be considered in removing all horsepower limitations.

(3) Twelve months of service as oiler or junior engineer while holding a license as third assistant engineer or assistant engineer (limited-oceans): removal of all horsepower limitations on third assistant engineer or assistant engineer's (limited-oceans) license.

(4) Six months of service as oiler or junior engineer while holding a license as second assistant engineer: removal

of all horsepower limitations on third assistant engineer's license.

(d) Raising or removing horsepower limitations based on service required by paragraph (c) of this section may be granted without further written examination providing the Officer in Charge, Marine Inspection who issued the applicant's license, considers further examination unnecessary.

§ 10.504 Application of deck service for limited engineer licenses.

Service gained in the deck department on vessels of appropriate tonnage may substitute for up to 25 percent or 6 months, whichever is less, of the service requirement for a license as chief engineer (limited), assistant engineer (limited), or designated duty engineer.

[CGD 81-059, 54 FR 142, Jan. 4, 1989]

§ 10.505 Engineer license structure.

The following diagram illustrates the engineering license structure including cross over points. The section numbers on the diagram refer to the specific requirements applicable.